

marantz®

Model ST6001 User Guide

FM / AM Tuner

ENGLISH

WARRANTY

For warranty information, contact your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT

Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with Marantz.

IMPORTANT

When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY

This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE

Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT

L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sûr pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT

Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.

DEUTSCH

GARANTIE

Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTING GUT AUF

Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf. Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungszwecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

WICHTIG!

Bei Garantiefragen muß der Kunde eine Kaufunterlage mit Kaufdatum vorlegen. Ihre Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GARANTIE

Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz.

UW KWITANTIE, KASSABON E.D. BEWAREN

Uw kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt. verwijzing bijv. in verbend met verzekering of bij correspondentie met Marantz.

BELANGRIJK

Bij een evt. beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur zijn voldoende bewijs.

ESPAÑOL

GARANTIA

Para obtener información acerca de la garantía póngase en contacto con su distribuidor Marantz.

GUARDE SU RECIBO DE COMPRA

Su recibo de compra es su prueba permanente de haber adquirido un aparato de valor. Este recibo deberá guardarlo en un lugar seguro y utilizarlo como referencia cuando tenga que hacer uso del seguro o se ponga en contacto con Marantz.

IMPORTANTE

Cuando solicite el servicio otorgado por la garantía el usuario tiene la responsabilidad de demostrar cuándo efectuó la compra. En este caso, su recibo de compra será la prueba apropiada.

ITALIANO

GARANZIA

L'apparecchio è coperto da una garanzia di buon funzionamento della durata di un anno, o del periodo previsto dalla legge, a partire dalla data di acquisto comprovata da un documento attestante il nominativo del Rivenditore e la data di vendita. La garanzia sarà prestata con la sostituzione o la riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non possano riferirsi a difetti di funzionamento dell'apparecchio. Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza Autorizzati. Le spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilità per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale o per guasti dovuti ad uso continuato a fini professionali.

SVENSKA

GARANTI

För information om garantin, kontakta Marantz lokalagent.

SPAR KVITTOT

Kvittot är ett inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vidkorrespondens med Marantz.

VIKTIGT

Fö att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet. Kvitto eller faktura är tillräckligt bevis för detta.

CE MARKING

- English**
The ST6001 is in conformity with the EMC directive and low-voltage directive.
- Français**
Le ST6001 est conforme à la directive EMC et à la directive sur les basses tensions.
- Deutsch**
Das Modell ST6001 entspricht den EMC-Richtlinien und den Richtlinien für Niederspannungsgeräte.
- Nederlands**
De ST6001 voldoet aan de EMC eisen en de vereisten voor laag-voltage.
- Español**
El ST6001 está de acuerdo con las normas EMC y las relacionadas con baja tensión.
- Italiano**
Il ST6001 è conforme alle direttive CEE ed a quelle per i bassi voltaggi.
- Svenska**
ST6001 är tillverkad i enlighet med EMC direktiven och direktiven för lågvoltsutrusning.

English

WARNINGS

- Do not expose the equipment to rain or moisture.
- Do not remove the cover from the equipment.
- Do not insert anything into the equipment through the ventilation holes.
- Do not handle the mains cord with wet hands.
- Do not cover the ventilation with any items such as tablecloths, newspapers, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.
- Make a space of about 0.1 meter around the unit.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- When the switch is in the OFF position, the equipment is not completely switched off from MAINS.
- The Socket-Outlet shall be installed near the equipment and shall be easily accessible.

Français

AVERTISSEMENTS

- Ne pas exposer l'appareil à la pluie ni à l'humidité.
- Ne pas essayer de retirer le boîtier de l'appareil.
- Ne rien insérer dans l'appareil par les orifices de ventilation.
- Ne pas manipuler le cordon d'alimentation avec les mains mouillées.
- Ne pas recouvrir les ouïes de ventilation avec un objet quelconque comme une nappe, un journal, un rideau, etc.
- Ne placer aucune source de flamme nue, comme une bougie allumée, sur l'appareil.
- Pour mettre au rebut les piles usées, respecter les lois gouvernementales ou les règlements officiels concernant l'environnement qui s'appliquent à votre pays ou région.
- Veiller à ce qu'aucun objet ne soit à moins de 0,1 mètre des côtés de l'appareil.
- Aucun objet rempli de liquide, un vase par exemple, ne doit être placé sur l'appareil.
- Lorsque l'interrupteur est sur la position OFF, l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS).
- La prise électrique doit se trouver près de l'appareil et être facilement accessible.

Deutsch

WARNHINWEISE

- Das Gerät nicht Regen oder Feuchtigkeit aussetzen.
- Die Abdeckung nicht vom Gerät abnehmen.
- Keine Gegenstände durch die Belüftungsschlitze stecken.
- Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.
- Decken Sie die Lüftungsöffnungen nicht mit einem Tischtuch, einer Zeitung, einem Vorhang usw. ab.
- Es dürfen keine Gegenstände mit offener Flamme, wie etwa brennende Kerzen, auf dem Gerät aufgestellt werden.
- Beachten Sie bei der Entsorgung der verbrauchten Batterien alle geltenden lokalen und überregionalen Regelungen.
- Auf allen Geräteseiten muß ein Zwischenraum von ungefähr 0,1 meter vorhanden sein.
- Auf das Gerät dürfen keine mit Flüssigkeiten gefüllte Behälter, wie etwa eine Vase, gestellt werden.
- Wenn der Schalter ausgeschaltet ist (OFF-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt.
- Die Netzsteckdose muss sich in der Nähe des Gerätes befinden, und ein unbehinderter Zugang dazu muss jederzeit gewährleistet sein.

Nederlands

WAARSCHUWINGEN

- Stel het apparaat niet bloot aan regen of vocht.
- Verwijder de afdekplaat van het apparaat niet.
- Duw niets door de ventilatieopeningen in het apparaat.
- Raak het netsnoer niet met natte handen aan.
- Bedek de ventilatieopeningen niet met enige voorwerpen, zoals tafelkleden, kranten, gordijnen, enz.
- Plaats geen brandende voorwerpen, zoals kaarsen, op het apparaat.
- Volg bij het weggooien van verbruikte batterijen de overheidswetgeving of milieuvorschriften op die van kracht zijn in het land of de regio waarin u zich bevindt.
- Zorg dat er 0,1 meter vrije ruimte rond het toestel is.
- Plaats geen voorwerpen met een vloeistof erin, zoals een bloemenvaas, op het apparaat.
- Als de schakelaar op OFF staat, is het apparaat niet volledig losgekoppeld van de netspanning (MAINS).
- Het stopcontact dient in de buurt van het apparaat te zitten en eenvoudig bereikbaar te zijn.

Español

ADVERTENCIAS

- No exponga el equipo a la lluvia ni a la humedad.
- No extraiga la tapa del equipo.
- No introduzca nada en el interior del equipo a través de los orificios de ventilación.
- No maneje el cable de alimentación con las manos mojadas.
- No cubra la ventilación con objetos como manteles, periódicos, cortinas, etc.
- No deben colocarse sobre el equipo elementos con fuego, por ejemplo velas encendidas.
- Cuando se eliminan baterías usadas, deben cumplirse las reglamentaciones oficiales o las normas de protección medioambiental aplicables en su país o en su zona.
- Deje un espacio de unos 0,1 metro alrededor de la unidad.
- No se deben colocar sobre el aparato recipientes que contengan líquidos, como por ejemplo jarrones.
- Cuando el interruptor está en la posición OFF, el equipo no está completamente desconectado de la alimentación MAINS.
- La toma de corriente se debe instalar cerca del equipo y ser de fácil acceso.

Italiano

AVVERTENZE

- Non esporre l'apparecchio alla pioggia o all'umidità.
- Non rimuovere il coperchio dell'apparecchio.
- Non introdurre oggetti all'interno dell'apparecchio attraverso i fori di ventilazione.
- Non toccare il cavo di alimentazione con le mani bagnate.
- Non coprire le fessure di ventilazione con tovaglie, giornali, tende od oggetti analoghi.
- Non posare sull'apparecchio sorgenti di fiamme scoperte quali candele accese.
- Smaltire le pile usate in conformità alle norme governative o disposizioni ambientali vigenti nel proprio paese o zona.
- Lasciare 0,1 metro liberi tutto intorno l'unità.
- Non mettere sull'apparecchiatura alcun contenitore di liquido, come ad esempio dei vasi.
- Quando l'interruttore è nella posizione OFF, l'apparecchiatura non è completamente scollegata da MAINS.
- La presa elettrica dovrebbe essere installata in prossimità dell'apparecchio ed essere facilmente accessibile.

Svenska

VARNINGAR

- Utsätt inte utrustningen för regn eller fukt.
- Ta inte bort utrustningens hölje.
- För inte in föremål i utrustningen genom ventilationshålen.
- Hantera inte nätsladden med våta händer.
- Täck inte för ventilationsöppningarna med några föremål som till exempel bordsdukar, dagstidningar, gardiner e.d.
- Inga föremål med öppen låga, som till exempel tända stearinljus, bör placeras på utrustningen.
- Följ de lagar och miljöskyddsråd som gäller i det land eller område där du bor när du gör dig av med batterier.
- Se till att det finns omkring 0,1 meter fri plats runt omkring enheten.
- Inga objekt som är fyllda med någon vätska, till exempel blomstervaser, bör placeras på apparaten.
- Även om strömbrytaren står i det avstängda läget OFF, så är utrustningen inte helt bortkopplad från det elektriska nätet (MAINS).
- Uttaget ska vara installerat nära utrustningen och vara lättillgängligt.

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FEATURES

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- **Fine Tuning**
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A NOTE ABOUT RECYCLING



This product's packaging materials are recyclable and can be reused. This product and the accessories packed together are the applicable product to the WEEE directive except batteries.

Please dispose of any materials in accordance with your local recycling regulations.

When discarding the unit, comply with your local rules or regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

BEFORE USE

This section must be read before any connection is made to the mains supply.

■ EQUIPMENT MAINS WORKING SETTING

Your Marantz product has been prepared to comply with the household power and safety requirements that exist in your area.

ST6001 can be powered by 230V AC only.

■ COPYRIGHT

Recording and playback of any material may require consent. For further information refer to the following:

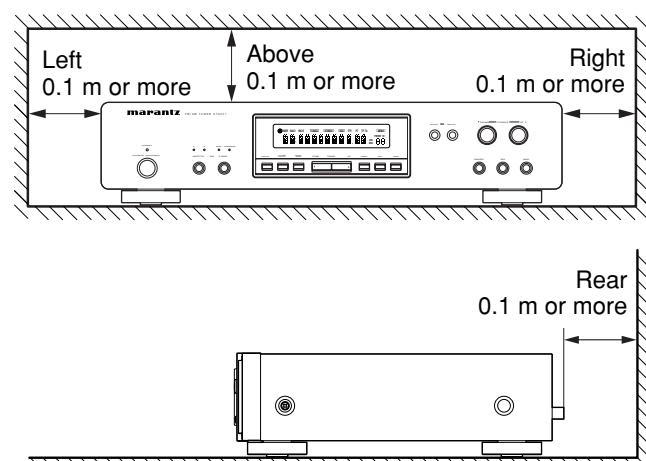
- Copyright Act 1956
- Dramatic and Musical Performers Act 1958
- Performers Protection Acts 1963 and 1972
- Any subsequent statutory enactments and orders

■ Do Not Locate in the Following Places

To ensure long-lasting use, do not locate the ST6001 where:

- Exposed to direct sunlight.
- Near to sources of heat such as heaters.
- Highly humid or poorly ventilated.
- Dusty.
- Subjected to mechanical vibrations.
- On wobbly, inclined or otherwise unstable surfaces
- Radiated heat is blocked such as in cramped audio racks.

To ensure proper heat radiation, ensure the below clearance from walls and other equipment.



Noise or disturbance of the picture may be generated if this unit or any other electronic equipment using microprocessors is used near a tuner or TV.

If this happens, take the following steps:

- Install this unit as far as possible from the tuner or TV.
- Set the antenna wires from the tuner or TV away from this unit's mains cord and input/output connection cords.
- Noise or disturbance tends to occur particularly when using indoor antennas or 300 Ω /ohms feeder wires. We recommend using outdoor antennas and 75 Ω /ohms coaxial cables.

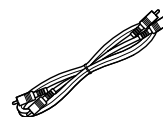
Note

For heat dispersal, do not install this equipment in a confined space such as a book case or similar unit.

■ Accessories Check

Before use, check the below accessories were included in the package.

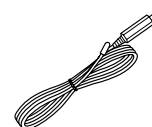
- Audio connecting cord x 1



- AM loop antenna x 1



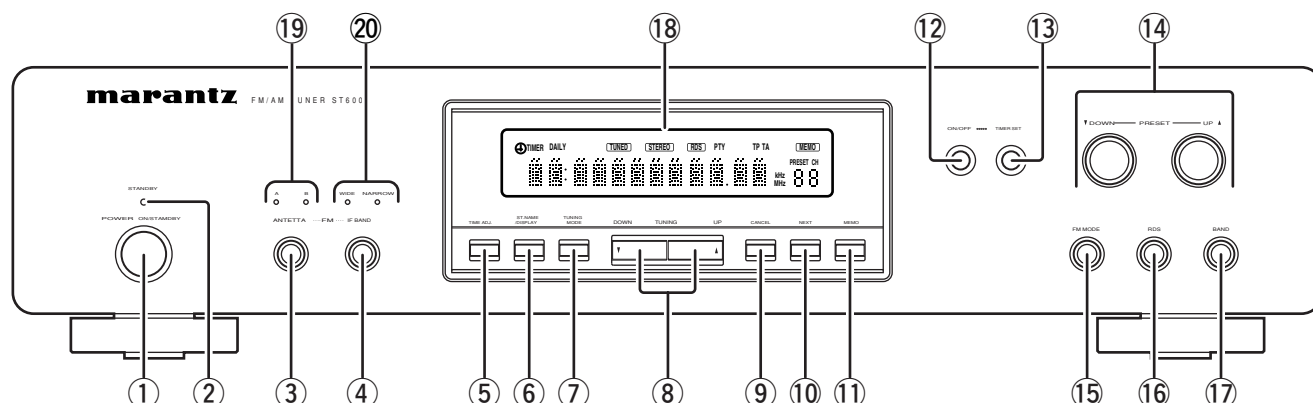
- FM indoor antenna x 1



- Remote Control Connecting Cord x 1
- User Guide x 1
- Registration Card x 1

PARTS NAMES AND FUNCTIONS

FRONT PANEL



① POWER ON /STANDBY button

This button is used to power on or power standby.

② STANDBY indicator

This indicator illuminates red when the unit's status is standby.
When daily timer is activated, this indicator lights green.

③ ANTENNA A/B button

This button is used selection of the FM antenna A or B.

④ IF BAND button

This button is used for selecting the bandwidth of the FM broadcast.

⑤ TIME ADJ (adjust) button

This button is used for adjusting the current time.

⑥ ST.NAME/DISPLAY button

This button is used for displaying the signal strength.

FM	MW/LW	Condition
More than 50dB	More than 75dB	Signal strength is good
25dB-49dB	60dB-74dB	Signal strength is marginal
10dB-24dB	50dB-59dB	Signal strength is poor
Less than 9dB	Less than 49dB	Loss of the signal

Press this button slightly longer (for more than 1.5 second) to file in manually stations name in the preset memory.

⑦ TUNING MODE button

This button is used for selecting the manual tuning or the fine tuning mode. Fine tuning mode is available only in the FM band.

⑧ TUNING ▲▼ (UP/DOWN) button

This button used for tuning in the desired broadcasting stations or adjusting the time, or manual tuning, etc.

⑨ CANCEL button

This button is used for canceling the program during manual file or adjusting the on/off time of the timer.

⑩ NEXT button

This button is used for advancing to the next step during time adjustment or manual filing, etc.

⑪ MEMO button

This button is used for presetting the broadcasting stations.

⑫ (Timer) ON/OFF button

This button used for engaging the daily timer function.

⑬ TIMER SET button

This button is used for presetting the time when the system is turned on and off every day at a specified time.

⑭ PRESET ▲▼ (UP/DOWN) button

This button used for preset in the desired broadcasting stations.

⑮ FM MODE button

This unit automatically switches into the STEREO mode when a FM stereo broadcast is received press this button to change the monaural mode, then the "STEREO" indicator will go out on the display.

⑯ RDS button

When the FM RDS broadcasting is displayed, and it retrieves, this button is operated. (See page 9)

⑰ BAND button

This button is used for selecting the FM, MW or LW broadcast.

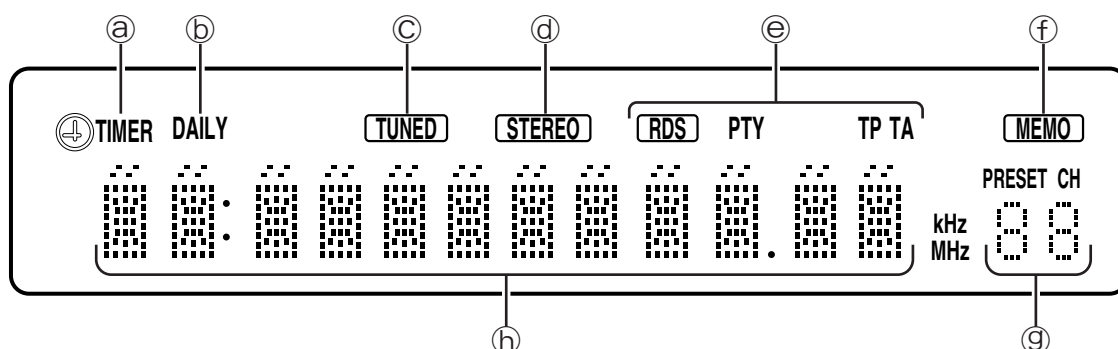
⑱ DISPLAY/INDICATOR

⑲ Antenna A or B indicator

⑳ FM WIDE or NARROW band indicator

PARTS NAMES AND FUNCTIONS

FL-DISPLAY



Ⓐ **TIMER**

This indicator lights up when the daily timer is activated.

Ⓑ **DAILY timer indicator**

This indicator lights up when the daily timer is engaged by pressing the TIMER SET button.

Ⓒ **TUNED indicator**

This indicator lights up when a station is properly tuned in.

Ⓓ **STEREO indicator**

This indicator lights up when an FM station is being tuned into stereo condition.

Ⓔ **RDS indicators**

These indicators light up when receiving RDS broadcasts.

Ⓕ **MEMORY indicator**

When the MEMO button is pressed, this indicator blinks for about 8 seconds.

Ⓖ **PRESET Number indicator**

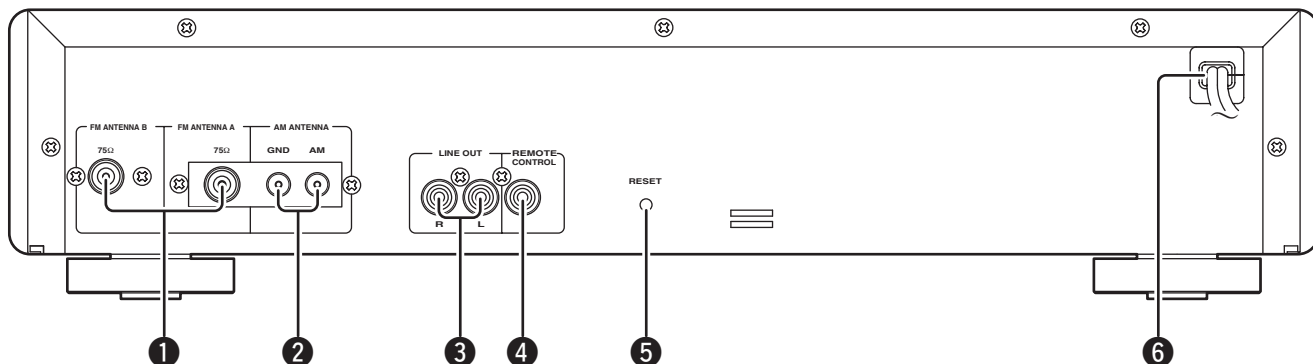
Shows the selected preset number.

Ⓗ **CHARACTER indicator**

A variety of information is displayed on this indicator. Time, frequency, PS, PTY, RT, stations name by manual filing. etc.

PARTS NAMES AND FUNCTIONS

REAR PANEL



❶ FM antenna terminals A/B (75 ohms)

Connect an external FM antenna with a coaxial cable, or a cable network FM source.

❷ AM antenna and ground terminals

Connect the supplied AM loop antenna. Use the terminals marked "AM" and "GND". The supplied AM loop antenna will provide good AM reception in most areas. Position the loop antenna until you hear the best reception.

❸ LINE OUT (analog output) connectors

The audio signals are output from these connectors.

❹ REMOTE CONTROL connector

Using the supplied remote control connecting cord, this connector enable this unit to be connected to a Marantz component equipped with remote control connectors. This connection make it possible to control an entire system that centers on the amplifier or other such component.

❺ RESET switch

Press this switch gently with the tip of a ballpoint pen or similarly thin object if the tuner does not respond to a button on the front panel. (See page 11.)

❻ Power cable

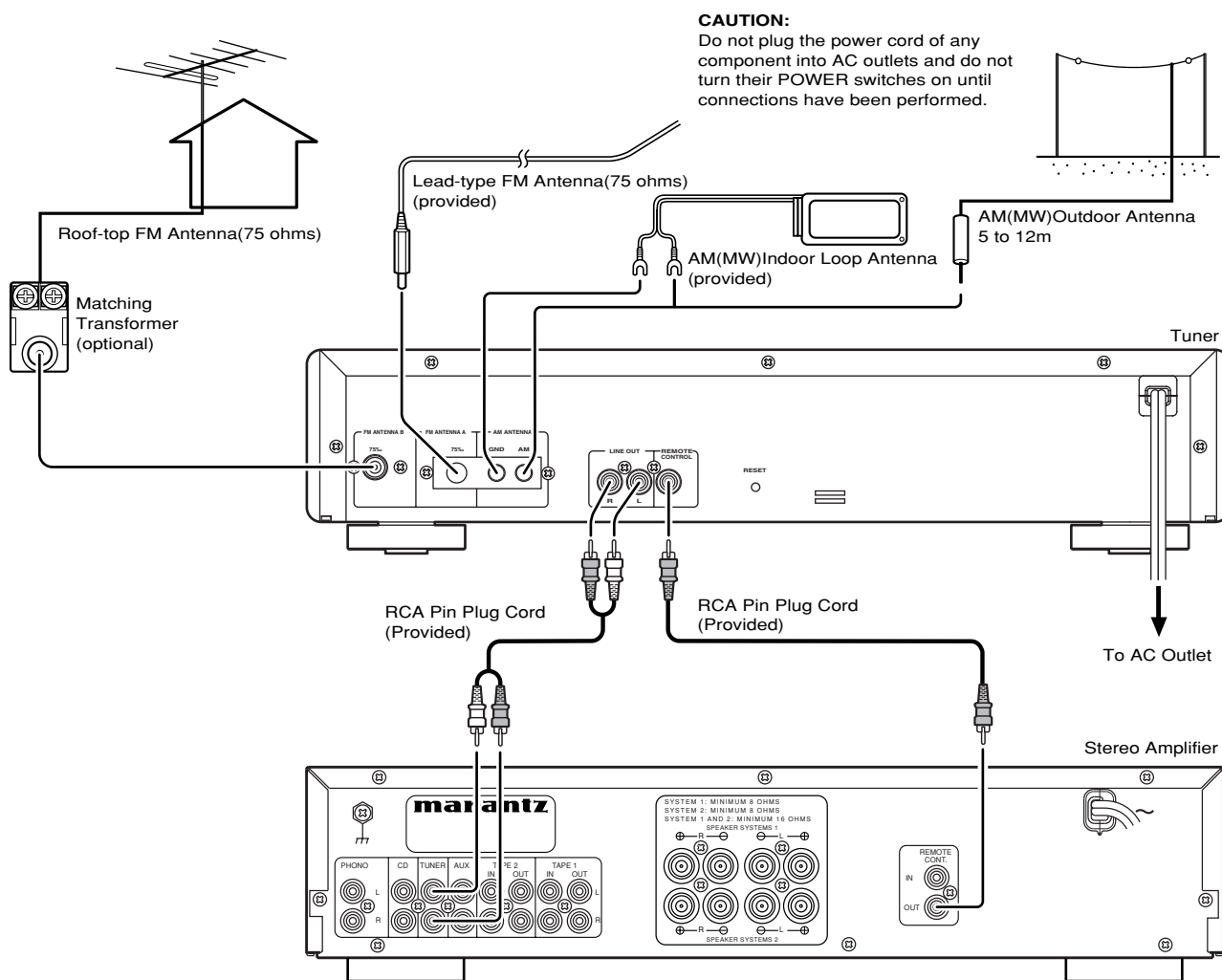
Connect the cable to a household power outlet (230V AC).

CONNECTIONS

Note

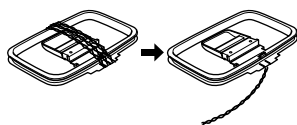
Connect the tuner to other equipment in the below sequence to use the tuner.

1. Connect an FM antenna to the FM ANTENNA A terminal.
2. Connect an AM loop antenna to the AM ANTENNA terminals. The terminals do not have a particular polarity.
3. Connect the LINE OUT and REMOTE CONTROL connectors to their corresponding terminals on a stereo amplifier using the provided cords. (Turn power to the stereo amplifier OFF before making the connections.)
4. Plug the power cable of the tuner into a power outlet.
5. This completes connections. Point the antennas in a direction of good reception.

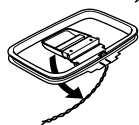


■ Assembling the AM loop antenna

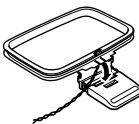
1. Take out the connection line.



2. Bend the base part in the reverse direction.



3. Insert the hook at the bottom of the loop part into the slot at the base part.



4. Place the antenna on a stable surface.



Note

- Do not plug in the mains cord until all connections have been completed.
- When making connections, also refer to the operating instructions of the other components.
- Be sure to connect the left and right channels properly (left with left, right with right).
- Note that binding pin-plug cords together with mains cords or placing them near a power transformer will result in generating hum or other noise.
- Even if an external AM antenna is used, do not disconnect the AM loop antenna.
- Make sure AM loop antenna lead terminals do not touch metal parts of the panel.

OPERATIONS

MEMORY PRESETTING

■ Manual operation

For example: presetting FM 90.1 MHz, to Preset number. 10

1. Select the FM by using the **BAND** button ⑰.
2. Tune to 90.1 MHz by using the **TUNING ▲▼** button ⑧.
3. Press the **MEMO** button ⑪ briefly (for less than 0.5 second) Then, "MEMO" will blink in the display.
4. Select the preset number by using the **PRESET ▲▼** button ⑭.
5. **MEMO** button ⑪ pushed again, 90.1 MHz (broadcast station) was able to be memorized in number 10 by this.

Note

Be sure to select the antenna A or B memorization when you preset manual memory in FM broadcast.

■ Automatic operation

1. Select the desired broadcasting (FM, AM, or LW) by using the **BAND** button ⑰.
2. Press the **MEMO** button ⑪ slightly longer than 1.5 second does.
Then, broadcasting will be automatically received, and as many broadcasting station are received well will be memorized preset number-01 after another.
3. Check the broadcasting station by using the **PRESET ▲▼** button ⑭.

Note

- In the case of FM automatic presetting, the antenna A, B selector is set to "A" automatically,
And the broadcasting station is scanned twice. The stations that have stronger broadcasting signal are preset in the first time.; weaker ones are preset in the second time.
- If a new broadcasting station is preset into a channel the broadcasting station which has been preset into that position area will be automatically erased.
- In mountainous or remote area broadcasting stations which have weak broadcasting signals cannot be automatically preset into the memory.
- Max. 30 broadcasting stations each for FM, AM(MW and LW) bands can be preset.

LISTENING TO RADIO

1. Select FM, AM, or LW by using the **BAND** button ⑰.
2. Tune to the desired broadcast by using the **TUNING** ⑧ or **PRESET ▲▼** button ⑭.
3. FM broadcasting is set up to "STEREO" mode
If the broadcasting signal is weak, or if there is a large amount of interference in FM stereo broadcast, change the monaural mode by presetting the **FM MODE** button ⑮.
4. Select the IF BAND (FM bandwidth)
Select the **NARROW** bandwidth by pressing this button if the broadcast signal is interfered with adjacent broadcast in the FM .

FINE, MANUAL TUNING

This function used for selection the manual tuning of the fine tuning mode.

Fine tuning mode is available only in the FM mode.

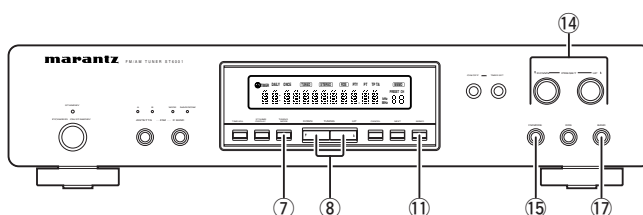
1. Press the **TUNING MODE** button ⑦.
2. Every time you press this button, the following will be displayed FINE ↔ MANUAL.

■ In FINE (Tuning) mode

When you try press the **TUNING ▲▼** button ⑧, the frequency will be selected by 10 kHz step to ±50 kHz. Then, it will automatically be set to the MANUAL mode in 4 second.

■ In MANUAL (Tuning) mode

1. Press the **TUNING ▲▼** button ⑧ in the FM band, then the frequency will be selected by 50 kHz step.
2. In the MW band, the frequency will be selected by 9 kHz step.
3. In the LW band, the frequency will be selected by 1 kHz step.



OPERATIONS

ADJUSTING CURRENT TIME

1. Press the **TIME ADJ** button ⑤. Then “Hour display” indicator will blink.

12:00
blink

2. The hour is set with the **TUNING ▲▼** button ⑧.

10:

3. Press the **NEXT** button ⑩. Then “minute display” indicator will blink.

10:00
blink

4. The minute is set with the **TUNING ▲▼** button ⑧.

10:30
blink

5. Press the **NEXT** button ⑩. The current time is set.

10:30

Note

- In the event of a power failure or when the AC mains cord is disconnected, you must readjust the clock.

DAILY TIMER

Example: presetting ON time: 7:15 OFF time: 9:30

1. Press the **TIMER SET** button ⑬.

DAILY
0:00 ON TIME

2. Preset the ON time by the **TUNING ▲▼** button ⑧ and the **NEXT** button ⑩.
(Same as operation of time adjust)

DAILY
7:30 ON TIME

3. If ON time setting OK, Press the **NEXT** button ⑩.

DAILY
8:30 OFF TIME

4. Preset the OFF time by the **TUNING ▲▼** button ⑧ and the **NEXT** button ⑩.
(Same as operation of time adjust)

DAILY
9:30 OFF TIME

5. Press the **NEXT** button ⑩. The timer setting is completed.

⏰ TIMER DAILY TUNED STEREO
10:30 FM 98.80 MHz

* Daily timer makes the system turn on and off at preset times every day.

* If you want to record at ON time, select the desired source with the input selector deck to the REC position.

* If the timer indicator “TIMER” is off, the daily timer doesn’t work.

DAILY TUNED STEREO
10:30 FM 98.80 MHz

Checking the daily timer

* If you want to check the daily timer, press the **TIMER SET** button ⑬ at first. The ON time setting will be displayed in the clock indicator. And, press the **TIMER SET** button ⑬ again. The OFF time setting will be displayed. Finally press **TIMER SET** button ⑬ once again. It returns to the normal display.

Canceling the daily timer

* While setting the daily timer, if the cancel button is held depressed, the timer function will be canceled.

Note

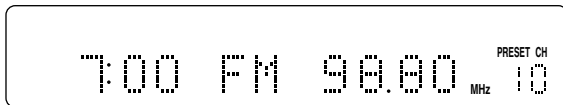
To temporarily cancel the daily timer, press the **(Timer) ON/OFF** button ⑫. The ON time and OFF time settings are retained in memory.

OPERATIONS

FILING (STATION NAME, ETC.)

For example: FM 98.8 MHz Preset CH-10 Station name BBC1

1. Select the preset number 10 in the preset mode.



2. Press the **ST.NAME/DISPLAY** button ⑥ long pushed (for more than 1.5 second)

Then, “_ _ _ _” will be displayed in the clock indicator.



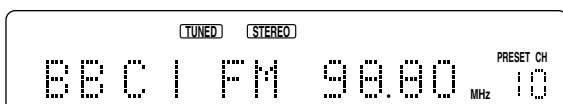
3. Select “B” with the **TUNING ▲▼** button ⑧.



4. Press the **NEXT** button ⑩ and then, the cursor will move one space.



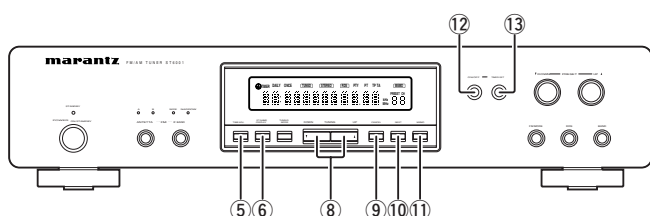
5. After selecting “BBC 1” with the **TUNING ▲▼** ⑧ and the **NEXT** button ⑩, press the **MEMO** button ⑪. The broadcasting station name will be changed to “BBC 1”.



- Station names can be selected from 103 available alphabetic letters and numbers.
- To cancel station name input, press and hold the **CANCEL** button ⑨.

■ Canceling preset stations

1. Call the station to cancel.
2. Press the **MEMO** button ⑪. “MEMO” will blink on the display.
3. Press and hold press the **CANCEL** button ⑨. The selected station will be canceled from the preset number.



RDS (RADIO DATA SYSTEM)

1. What is RDS?

RDS provides such indication as station names, local times, and the types of program, the radio text ,etc. as well as FM broadcasting.

2. You can receive the following kinds of data with this RDS.

* PS (Program Service Name): displays FM station names.

* CT (Clock Time): displays the information about times provided from the station.

* PTY (Program Type): Program type will be displayed while receiving FM broadcasting.

* RT (Radio Text): displays the news of stations composed of up to 64 symbols.

* TP (Traffic Program)

* TA (Traffic Announcement)

The data is displayed in PTY mode as follows:

3. There are 29 programme categories:

NEWS	News service
AFFAIR	Politics and current events
INFO	Special informative reports
SPORT	Sports
EDUCATE	Learning and continuation of education
DRAMA	Radio plays, literature
CULTURE	Culture and society
SCIENCE	Programmes about sciences and technology
OTHERS	Variety
POP	Pop music
ROCK	Rock music
MOR	Middle of the road music, 'easy-listening'
LIGHT	Light classical music
CLASSIC	Serious classical music
OTHER	Other music
WEATHER	Weather reports, forecasts
FINANCE	Financial reports, commerce, trading
CHILDREN	Children's programmes
SOCIAL A	Social affairs
RELIGION	Religious programmes
PHONE IN	Programmes in which the public expresses its view by phone.
TRAVEL	Travel reports
HOBBIES	Programmes concerning recreational activities
JAZZ	Jazz music
COUNTRY	Country music
NATION M	National music
OLDIES	Music from the so-called 'golden age' of popular music
FOLK M	Folk music
DOCUMENT	Documentaries

- If you do not receive PTY Data, “NO PTY” will be displayed.

OPERATIONS

RDS DISPLAY

1. Select the FM band. RDS can be received only in FM.
2. Select the RDS broadcasting by using the **TUNING ▲▼** button (8).

Then, RDS will light up in the upper side of the FTD display. And the related data, if received, will be displayed in the type of received data (PTY, RT, TP, TA)

3. RDS

- 1) The default of the RDS mode is PS.
 - 2) Press the **RDS** button (16).
- Each time you press the button briefly (1.5 second or less), the modes will change as follows

PS → PTY → RT → TA → CT → PS

3) PS mode

- When you select the PS with the **RDS** button (16), “PS” will blink for about 4 seconds.
- After 4 seconds, PS or a station name entered by manual file will be displayed.

4) PTY mode

- When you select the PTY with the **RDS** button (16), PTY will blink for about 4 seconds, the type of received PTY will be displayed.
- If there is no PTY data among received broadcasting, RDS mode will be switched to PS mode automatically.

5) RT mode

- When you select the RT with the **RDS** button (16), “RT” will blink for about 4 seconds, After 4 seconds, the data received broadcasting, the RDS mode will be automatically switched to the PS mode.

6) TA mode (TP search function)

- When you select the TA with the **RDS** button (16), “TA” will blink for about 4 seconds, TP received broadcasting will be searched with the FM frequency increasing in 50 kHz steps.
- If TP received broadcasting is searched, the increase in frequency will be stop and it is asked whether TA will be received or not.
- If TP and TA turn off while you are receiving the TA, the tuner will search the TA broadcasting again with the FM frequency increasing in 50 kHz steps.

7) CT mode

- When you select the CT with the **RDS** button (16), “CT” will blink for about 4 seconds. After 4 seconds, the clock time together with the frequency will be displayed. “CT” can be received regardless of whichever RDS mode. The tuner is set to.

* Not to use CT mode,

1. Press and hold the **RDS** button (16) for longer than 8 seconds, and press briefly the **RDS** button (16) within 0.5 seconds.

– The indicator will be changed as follows:

PS → PTY → RT → TA → (NO CT) → PS

– In this mode, although “CT” data are entered, the time is not changed to the current time.

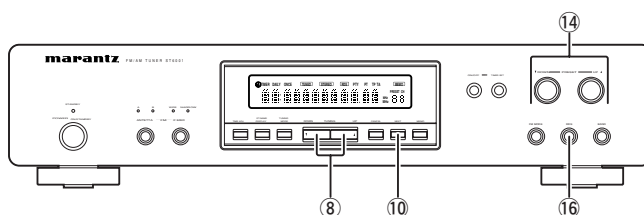
2. In “NO CT” mode, press and hold the **RDS** button (16) for longer than 8 seconds.

– The indicator will be changed as follows:

PS → PTY → RT → TA → CT

3. PTY Search

- 1) Press the **RDS** button (16) for longer then 1.5 second. Then “SEARCH” will be shown in the display.
- 2) Select the desired PTY mode by using the **PRESET ▲▼** button (14).
- 3)
 - If you press the **NEXT** button (10), the PTY mode wills blink in the clock display.
 - Searching will start when you push the **TUNING ▲▼** button (8).
 - When the PTY mode that you have selected is searched, searching will stop and the PTY mode will be displayed.
 - If there is no program in the PTY mode, you have selected, searching will stop at the frequency started.



TROUBLESHOOTING

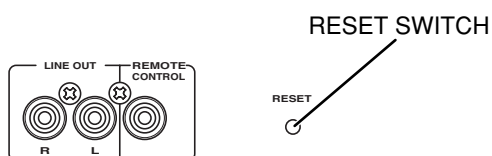
If your Tuner should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your dealer or our service organization.

Symptom	Cause	Measures	Page
No sound	<ul style="list-style-type: none"> • INPUT SELECTOR of amplifier is not Select "TUNER" in INPUT SELECTOR. • Volume of amplifier positioned in "MIN." • The terminal for system connection is pullet out. 	<ul style="list-style-type: none"> • Set to "TUNER". • Adjust Volume accordingly. • Connection correctly. 	— — 6
Only noise is heard	<ul style="list-style-type: none"> • The antenna is pulled out. • The frequency is not detected exactly. 	<ul style="list-style-type: none"> • Connect the antenna on the rear panel. • Set the frequency correctly. 	6 7
Broadcasting is received but with noise	<ul style="list-style-type: none"> • The position of antenna is not suitable. • The power of CD player is turned on. 	<ul style="list-style-type: none"> • Install the antenna again after locating the best reception position. • Turn off CD player. 	6 —

OTHERS

■ WHEN TO USE RESET SWITCH

- When this system is subjected to an electrical shock.
 - When the power is irregular.
- In the above cases, function buttons may not often operate or the display may operate wrongly. In these cases, try the following:
- Rear panel —



Press the RESET switch lightly once or twice with a pencil or a ballpoint pen.

■ CARE AND MAINTENANCE

This section describes the care and maintenance tasks that must be performed to optimize the operation of your Marantz equipment.

■ CLEANING OF EQUIPMENT EXTERNAL SURFACES

The exterior finish of your ST6001 will last indefinitely with proper care and cleaning. Never use scouring pads, steel wool, scouring powders or harsh chemical agents (e.g., lye solution), alcohol, thinners, benzine, insecticide or other volatile substances as these will mar the finish of the equipment. Likewise, never use cloths containing chemical substances. If the equipment gets dirty, wipe the external surfaces with a soft, lint-free cloth.

If the equipment becomes heavily soiled:

- dilute some washing up liquid in water, in a ratio of one part detergent to six parts water;
- dip a soft, lint free cloth in the solution and wring the cloth out until it is damp;
- wipe the equipment with the damp cloth;
- dry the equipment by wiping it with a dry cloth.

■ REPAIRS

Only the most competent and qualified service technicians should be allowed to service your unit. Marantz and its factory trained warranty station personnel have the knowledge and special equipment needed for the repair and calibration of this precision instrument.

In the event of difficulty, call the proper toll-free telephone number listed on the face of the warranty to obtain the name and address of the Marantz Authorized Service Center nearest you. In many cases, the dealer where you purchased your Marantz unit may be equipped to provide service. Please include the model, serial number of your unit together with a copy of your purchase receipt and a full description of what you feel is abnormal in its behaviour.

Memory backup

In case a power outage occurs or the power cord is accidentally unplugged, the ST6001 is equipped with a backup function to prevent memory data such as the preset memory from being erased. The memory functions are backed up for up to about one week.

SPECIFICATIONS & DIMENSIONAL DRAWINGS

FM section

Frequency range	87.5 MHz to 108.0 MHz
50 kHz steps: Manual mode (10 kHz steps: Fine mode)	
Sensitivity (S/N: 30 dB)	1.2 μ V
Total harmonic distortion (1 kHz)	
Mono	0.08 %
Stereo	0.15 %
Signal to Noise ratio	
Mono:	80 dB
Stereo:	75 dB
Selectivity (\pm 400 kHz)	
Wide mode	65 dB
Narrow mode	80 dB
Frequency Response	20 Hz to 15 kHz (+1.0, -3.0 dB)
Image Rejection	70 dB
AM Suppression	55 dB
Stereo Separation (1 kHz)	50 dB

MW Section

Frequency range	522 kHz to 1620 kHz (9 kHz step)
Sensitivity (S/N: 20 dB)	50 dB μ V /m
Signal to Noise ratio	50 dB
Total harmonic distortion	1.0 %
Image Rejection	35 dB

LW Section

frequency range	146 kHz to 290 kHz (1 kHz step)
Sensitivity (S/N: 20 dB)	57 dB μ V /m
Signal to Noise ratio	45 dB
Total harmonic distortion	1.0 %
Image Rejection	35 dB

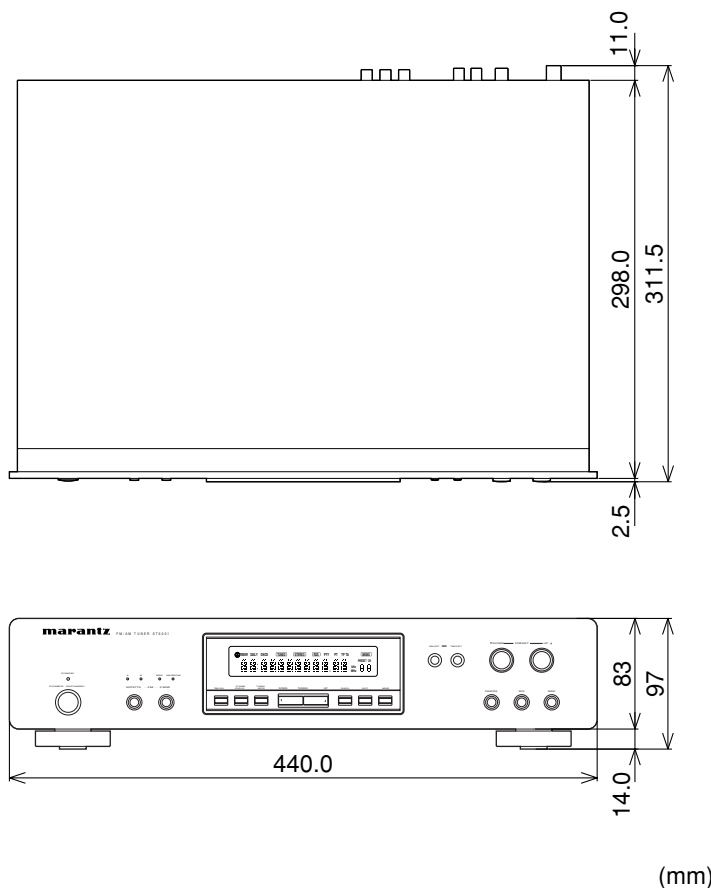
General

Power supply	AC 230 V 50 Hz
Power consumption	8.6 W
Weight	4.0 kg

Accessories

Audio connection cord	1
AM loop antenna	1
FM indoor antenna	1
Remote control connection cord	1
User Guide	1
Registration Card	1

* For purposes of improvement, specifications and design are subject to change without notice.



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